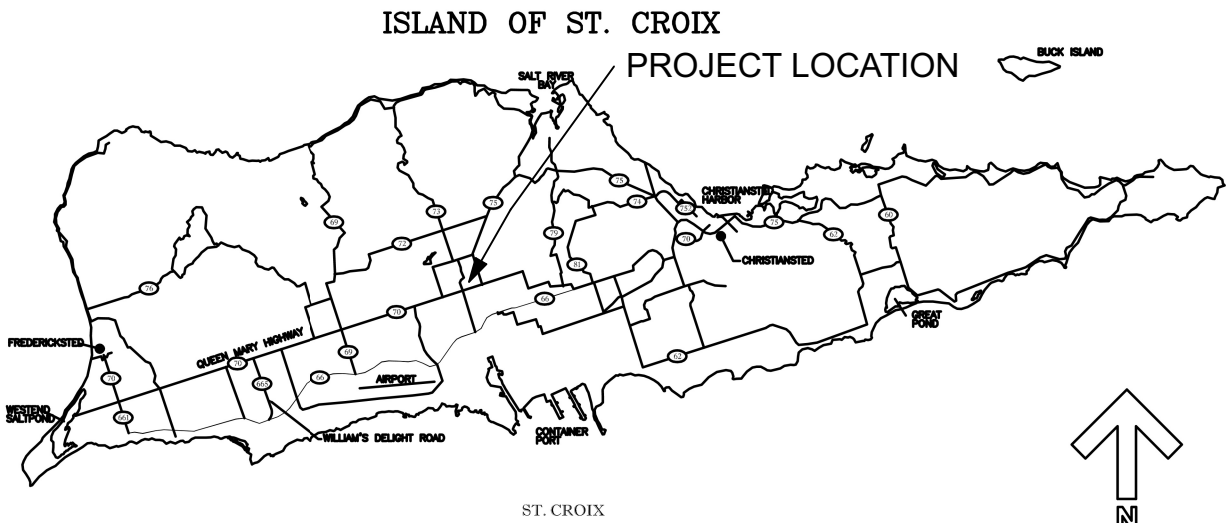


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SHEET INDEX	
SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET COVER & LOCATION MAP
S-1	EXISTING SITE PLAN & PROJECT PICTURES AND SUMMARY
S-2	ROOF LAYOUT (EXISTING)
S-3	ROOF LAYOUT (PROPOSED)
S-4	PURLIN SPACING (PLAN VIEW)
S-5	ROOF NAILER LAYOUT (TYPICAL)
S-6	HIP ROOF FRAMING/ RETROFIT OF EXISTING BOND BEAM
S-7	ROOF COVERING ISOMETRIC/SECTION VIEW ROOF SHEATHING, NAILER & ATTACHMENTS

HERBERT GRIGG HOME FOR THE AGED ROOF REPAIR ST. CROIX FALLS, ST. CROIX, VI



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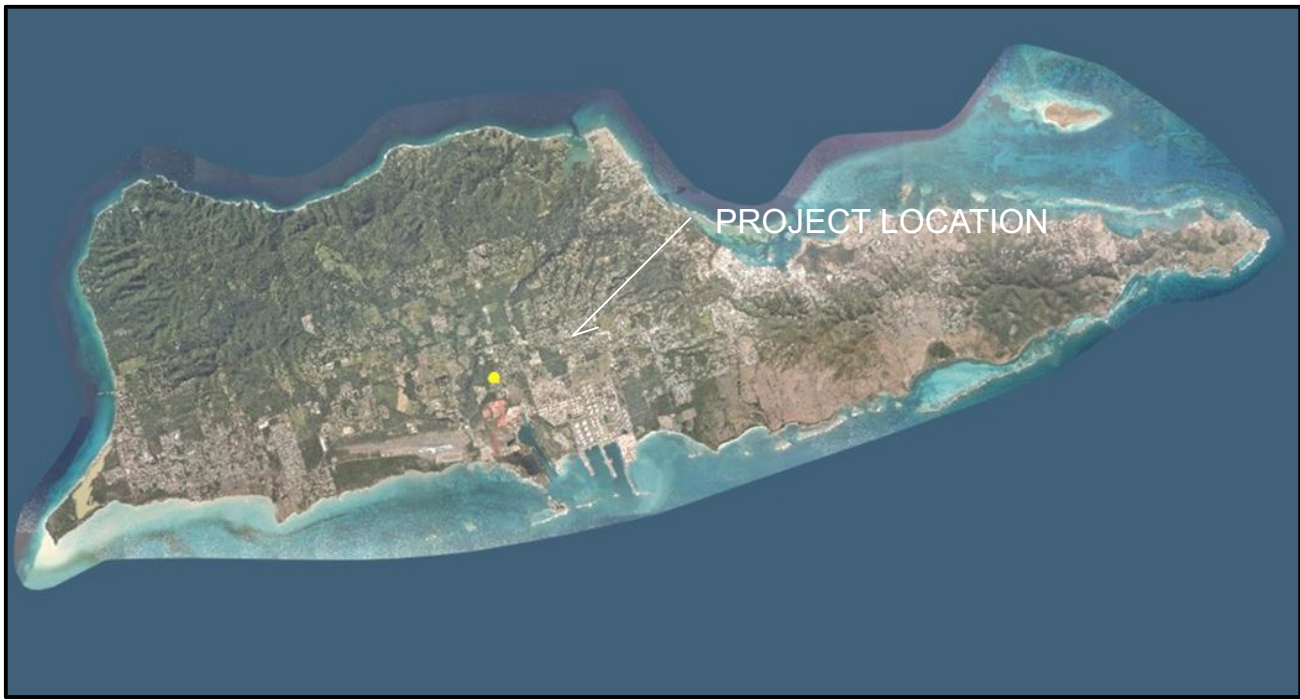
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T-1



Project is located at Coordinates Lat 17.7279, Lon. -64.78271.



Aerial view of project location



Picture of the Herbert Grigg Dining Facility w/tarp roof (Front Facing).



Picture of the entrance hall of the dining facility.



Picture of ridge, existing sheeting and rafters.



Picture of north facing hip roof.

Project Summary

The purpose of this rehabilitation project is to bring the Herbert Grigg's dining facility up to code. It is obvious although the facility has a strong framework it still lacks the intermediary support and tiedowns DPNR's current building code requires. This project intends to both repair damages inflicted by the storms of 2017 and bring the facility to current local codes.

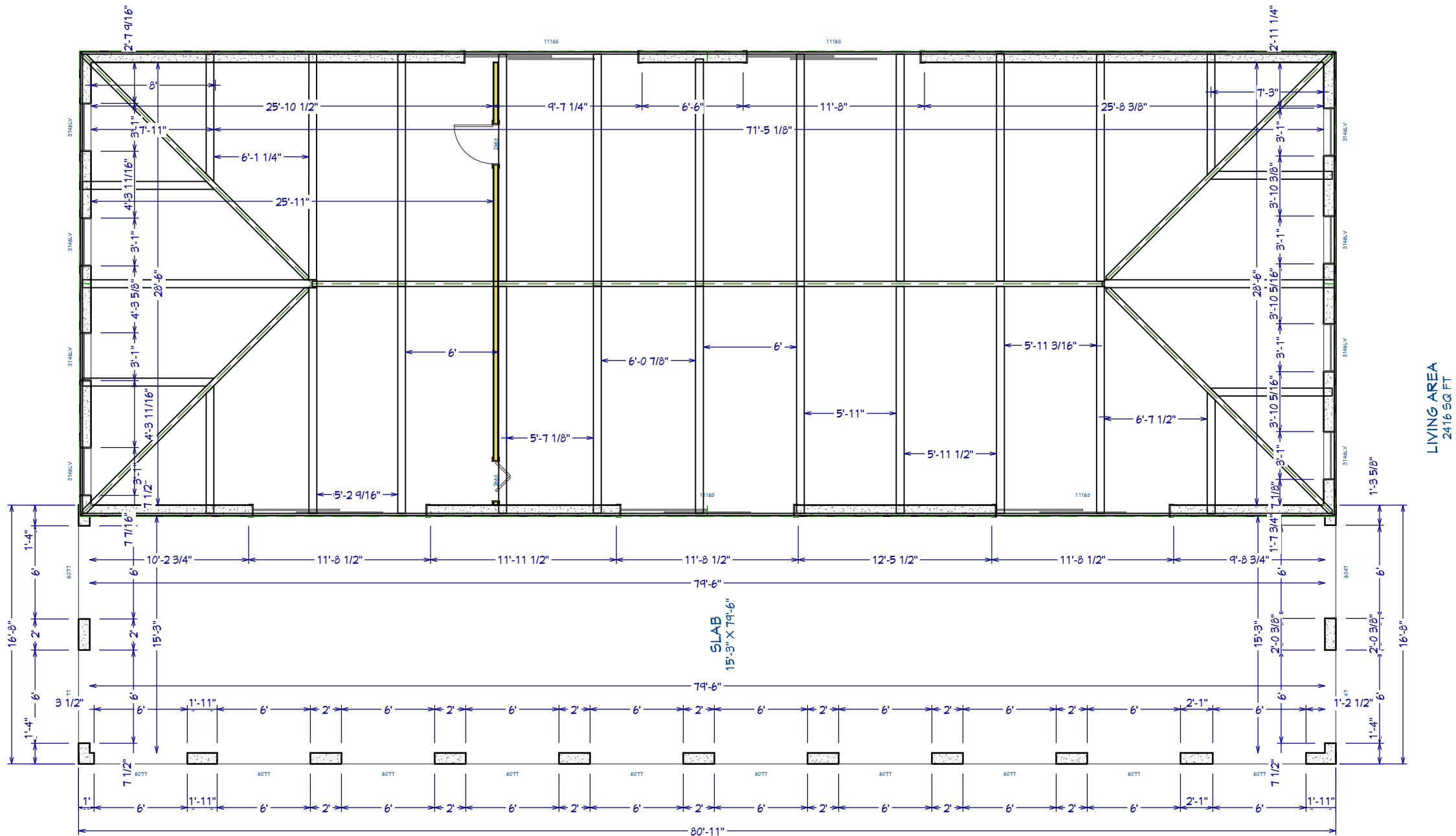


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ROOF LAYOUT (EXISTING)



LIVING AREA
2416 SQ. FT.



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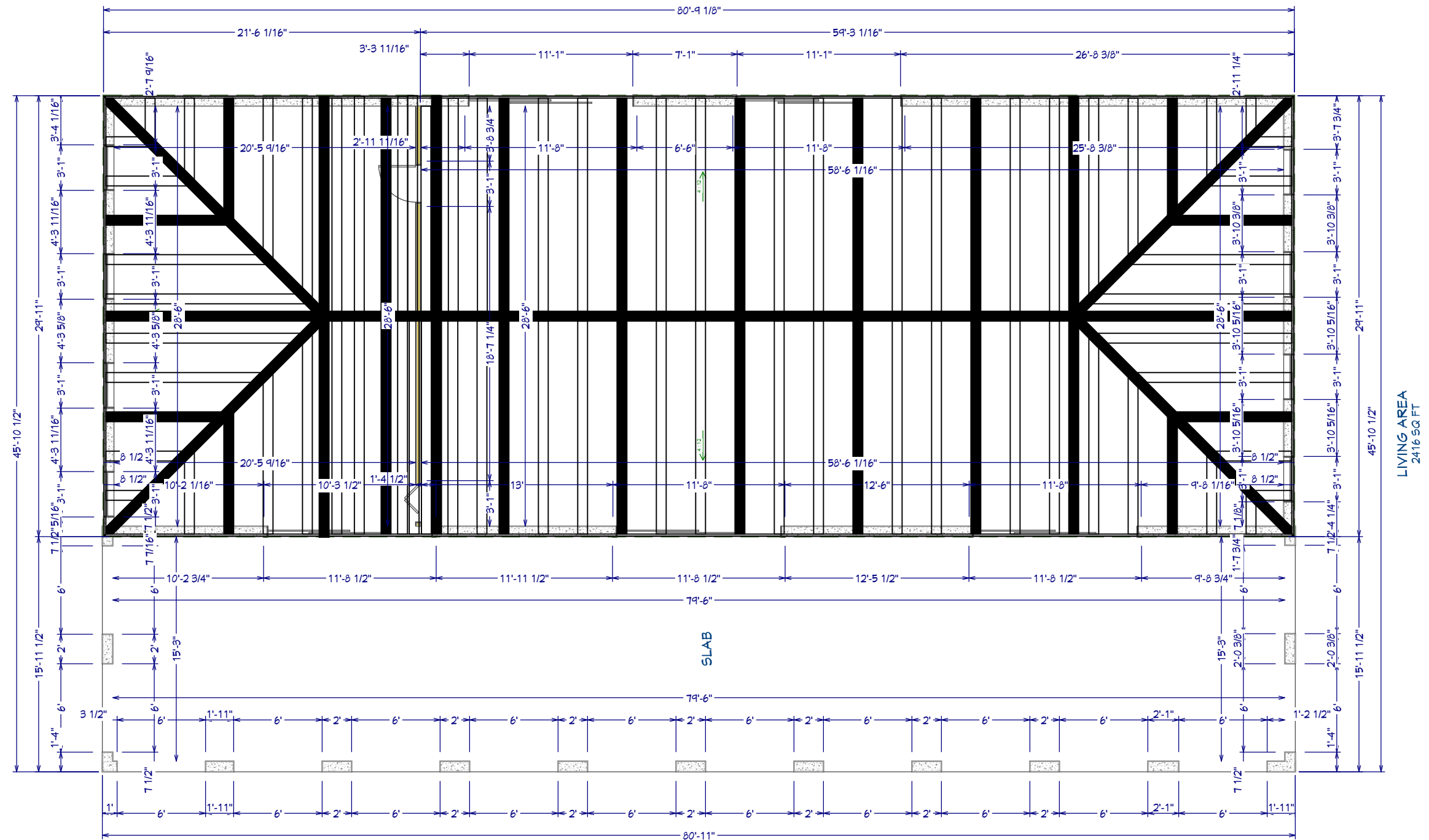
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S-2

ROOF LAYOUT (PROPOSED)



LIVING AREA
2416 Sq FT



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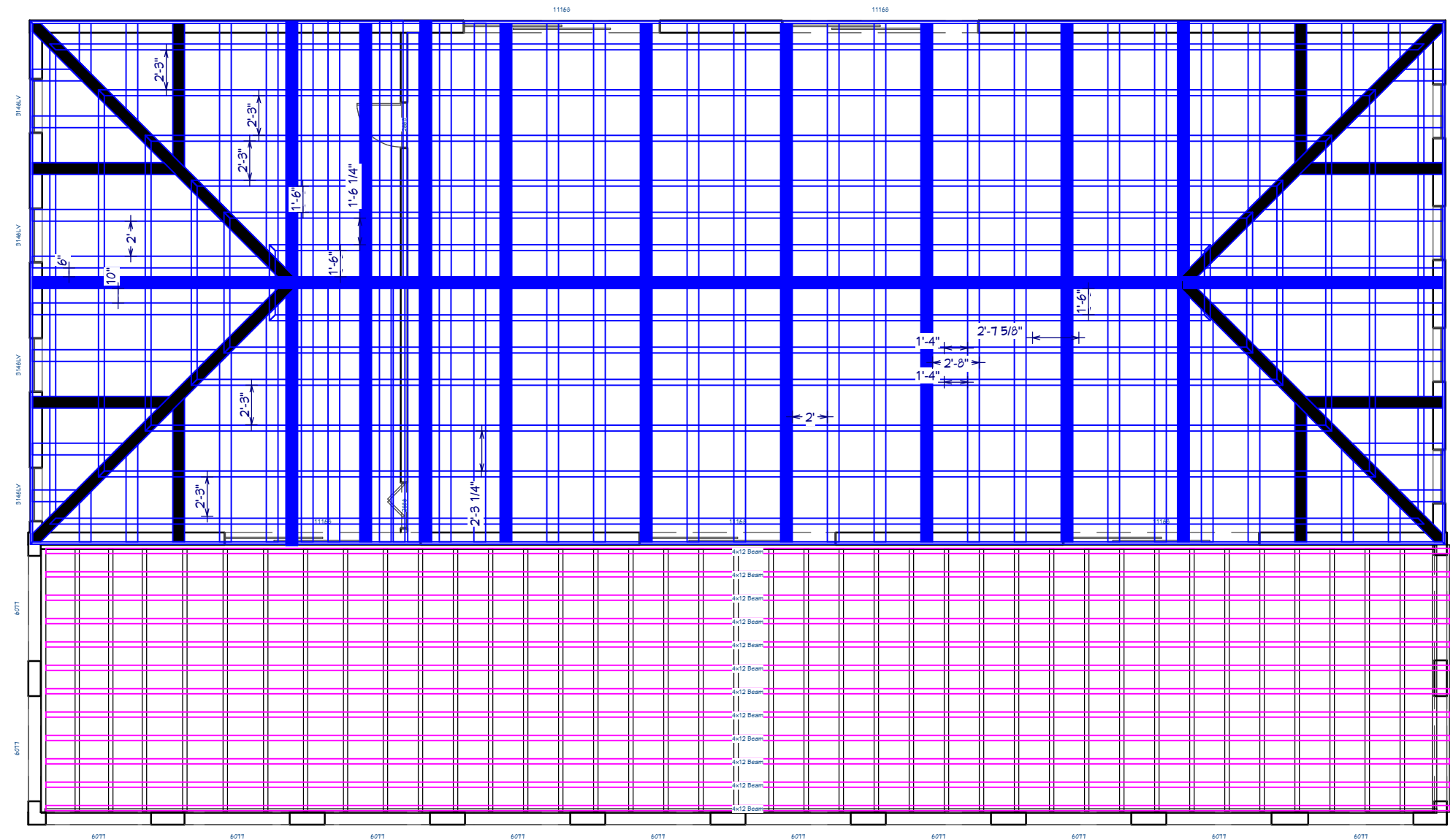
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S-3

PURLIN SPACING (PLAN VIEW)



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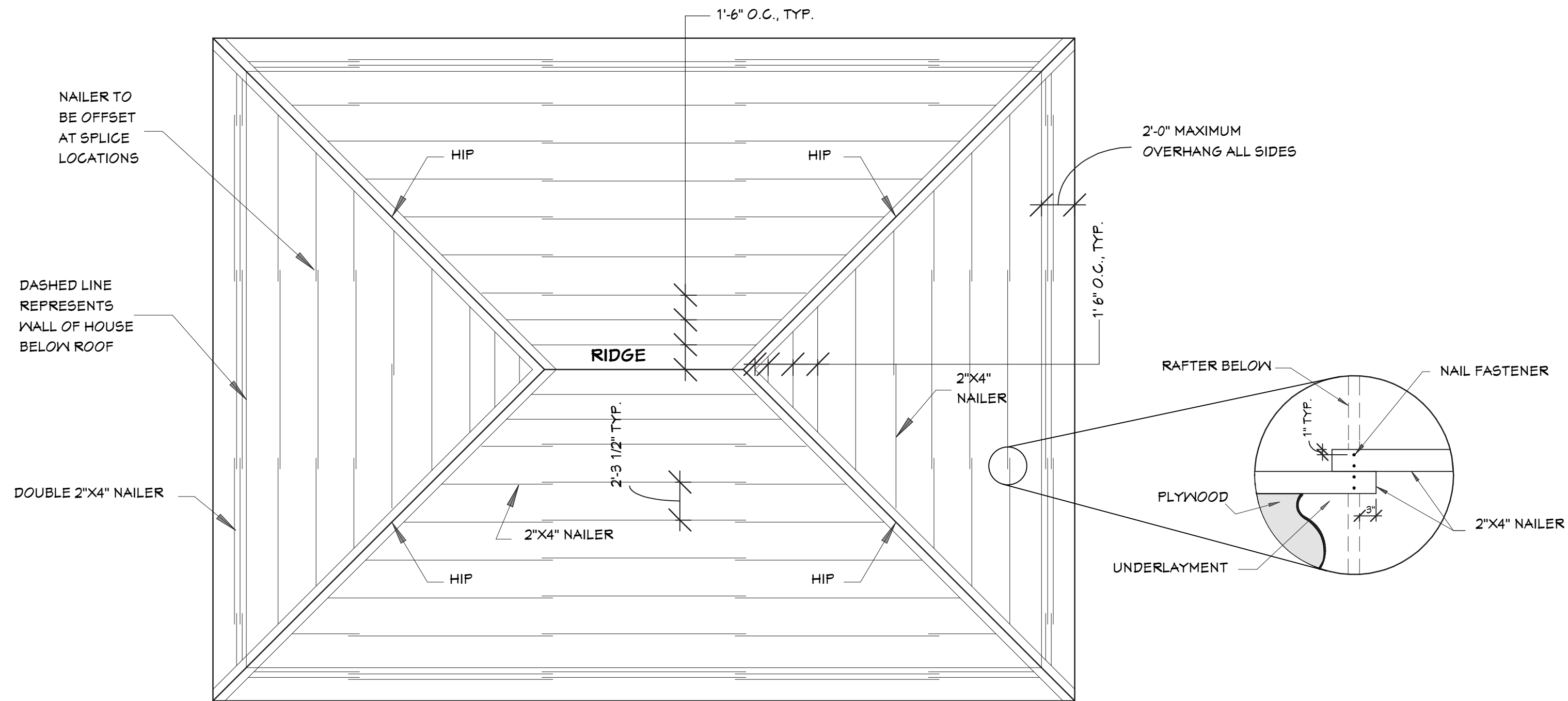
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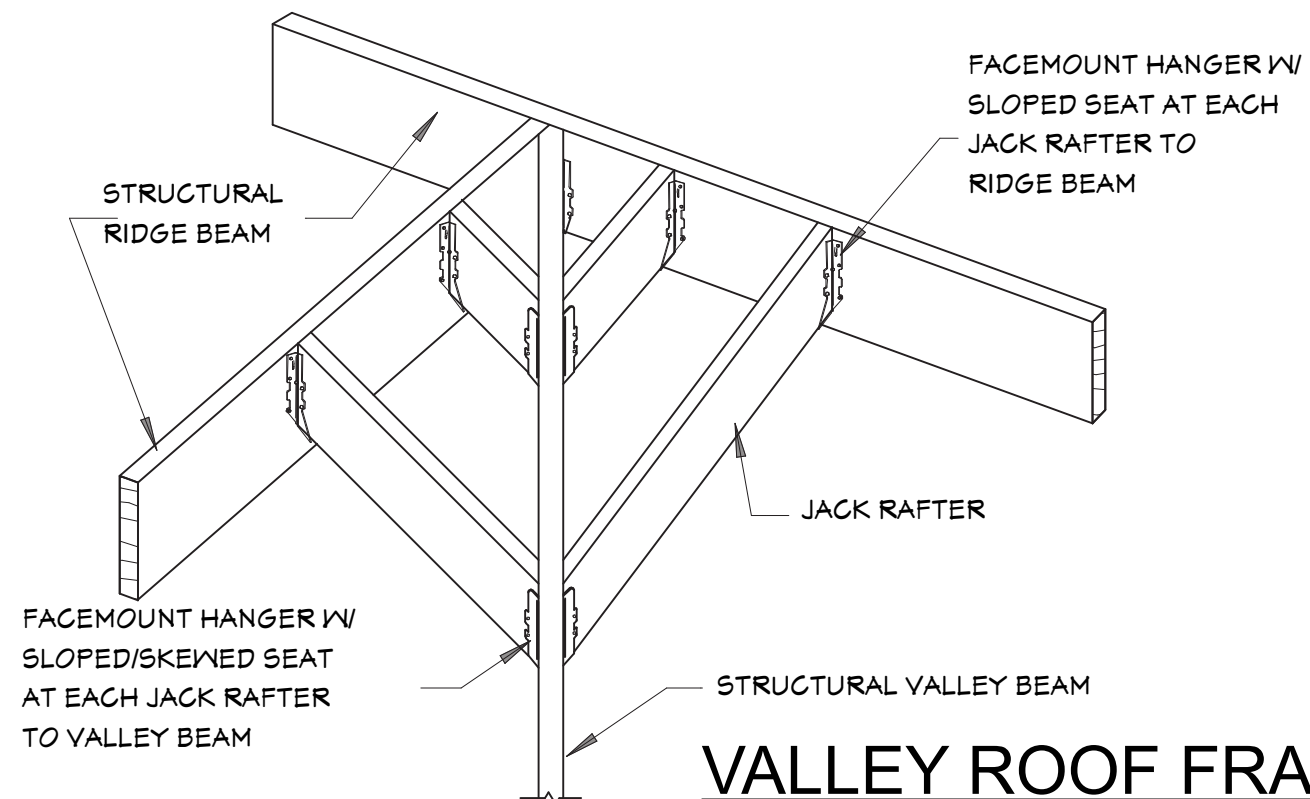
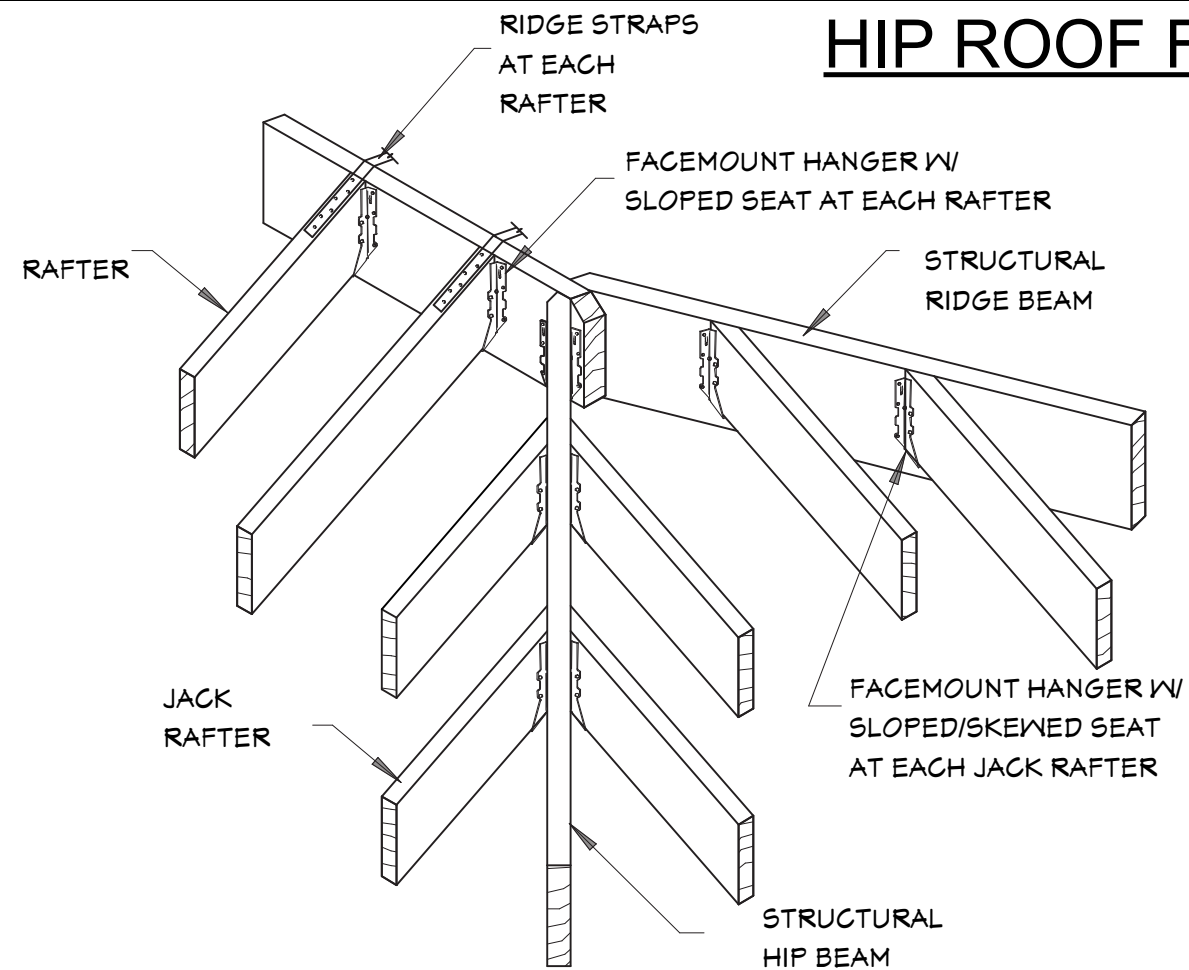
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ROOF NAILER LAYOUT (TYPICAL)



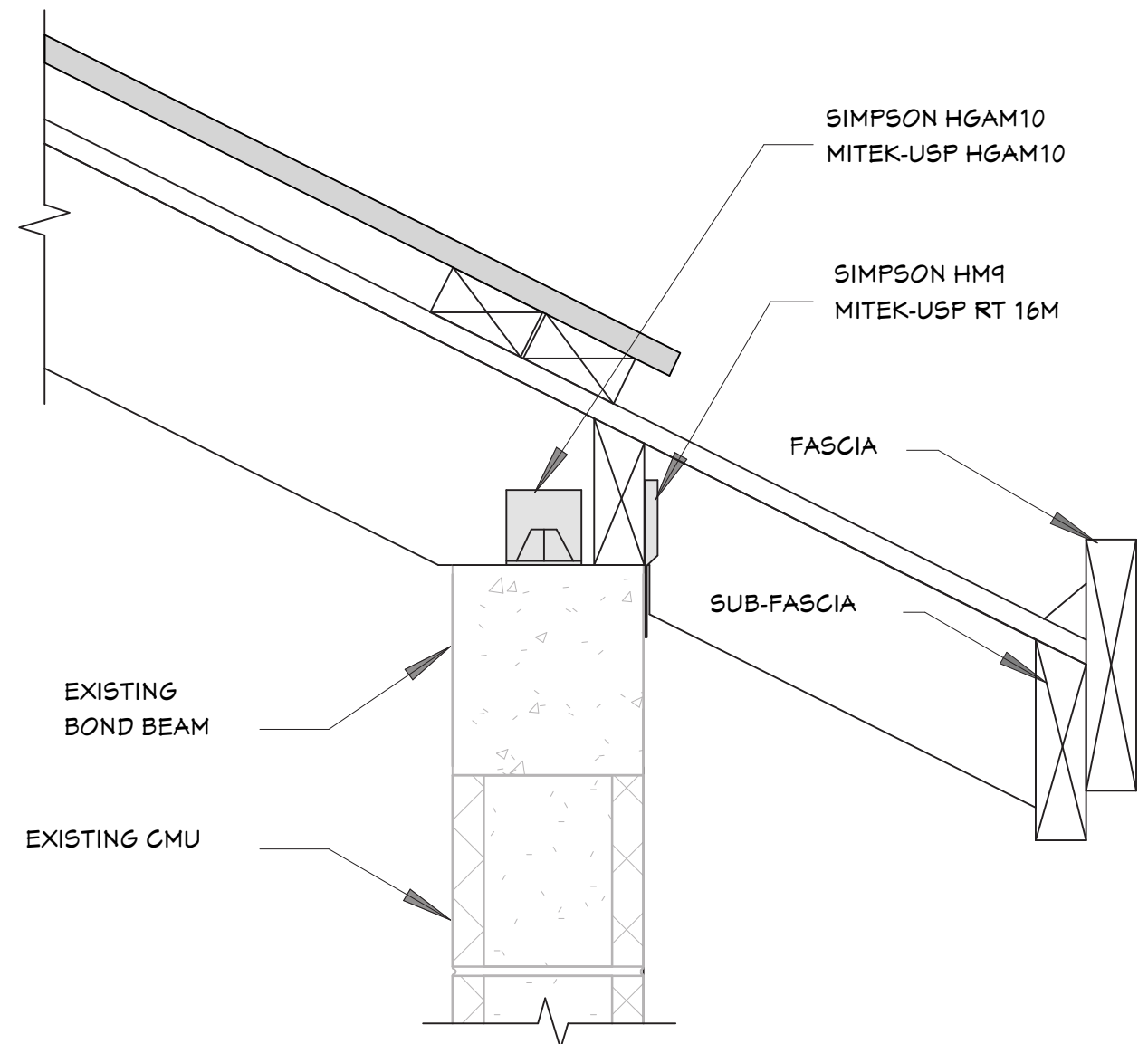
NOTE: ALL WOOD COMPONENTS
SHALL BE PRESSURE TREATED

HIP ROOF FRAMING



VALLEY ROOF FRAMING

RETROFIT OF EXISTING BOND BEAM



NOTE: ALL WOOD COMPONENTS SHALL BE PRESSURE TREATED



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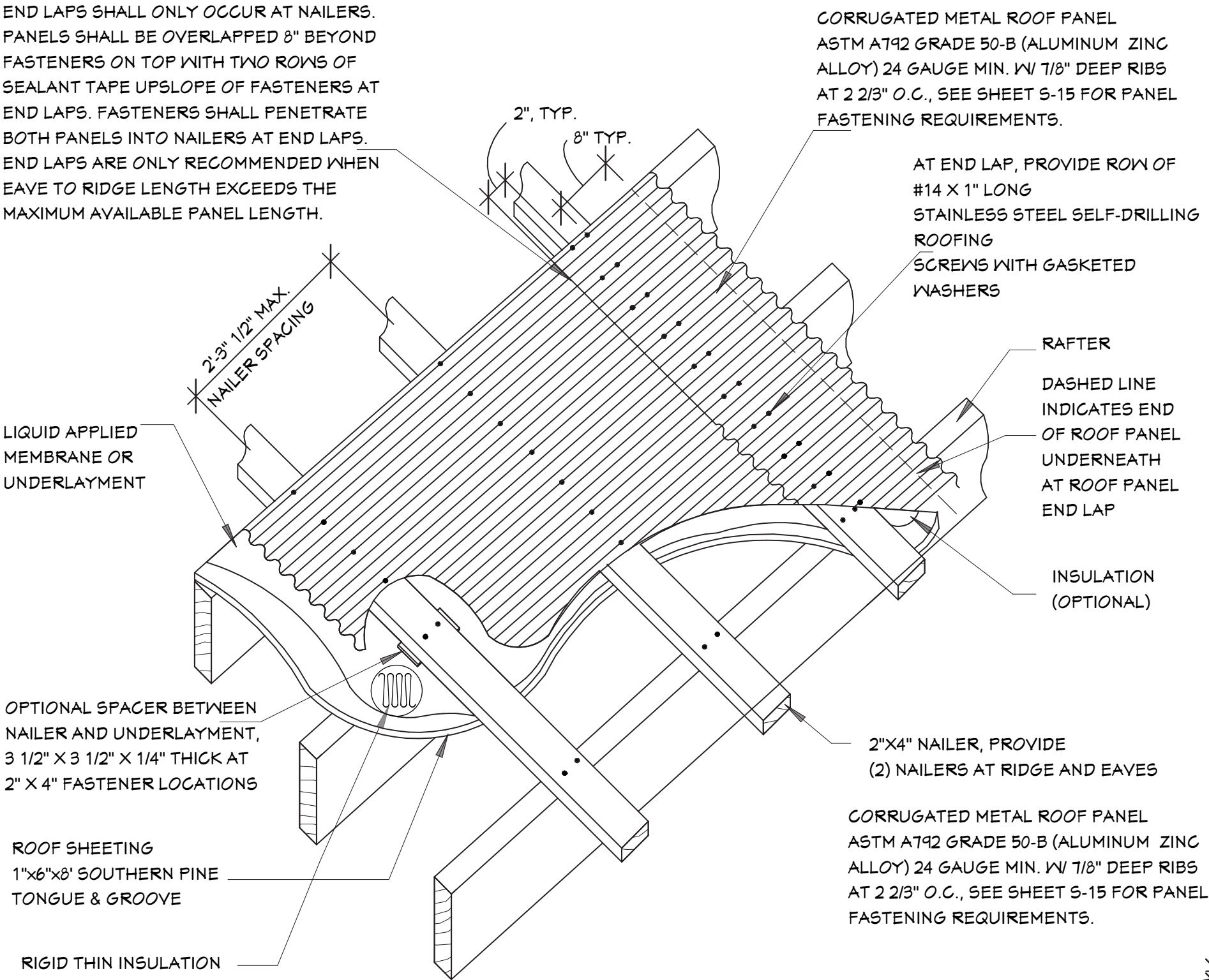
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S-6



ROOF COVERING ISOMETRIC VIEW

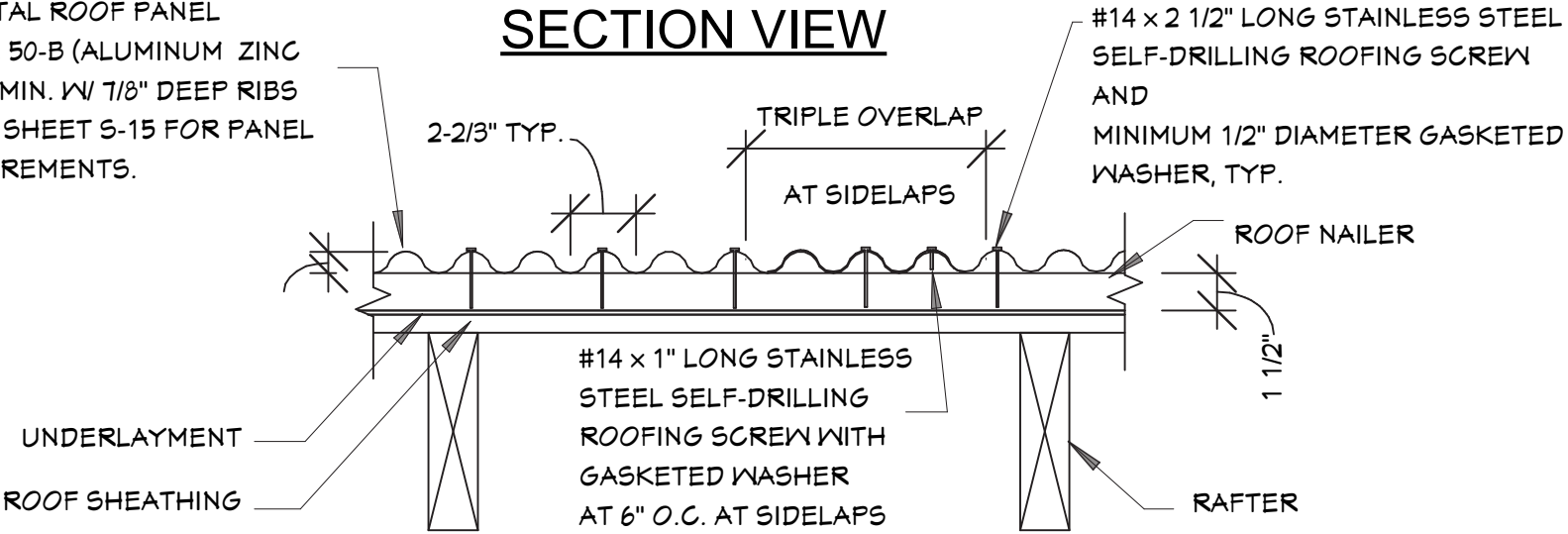
NOTE: ALL WOOD COMPONENTS SHALL BE PRESSURE TREATED

ROOF SHEATHING, NAILER, & ATTACHMENTS

NOTE: TABLE BASED UPON RAFTERS WHICH ARE SPACED AT 2'-0" O.C. MAXIMUM.

ROOF COMPONENT DESIGNS	WIND EXPOSURE B ON UPPER HALF OF A HILL, RIDGE, OR ESCARPMENT OR NEAR THE CREST OF AN ESCARPMENT	WIND EXPOSURE B	WIND EXPOSURE D
METAL ROOF PANEL FASTENER SPACING ALONG NAILER	5-1/3" O.C. (EVERY OTHER CORRUGATION)	10-2/3" O.C. (EVERY 4 TH CORRUGATION)	8" O.C. (EVERY 3 RD CORRUGATION)
NAILER SPACING	SEE ROOF PLANS	SEE ROOF PLANS	SEE ROOF PLANS
NAILER FASTENERS INTO OUTLOOKERS AT OVERHANGS	#14 x 5" LONG STAINLESS STEEL WOOD SCREW @ 6" O.C.	#12 x 4-1/2" LONG STAINLESS STEEL WOOD SCREW @ 12" O.C.	#14 x 5" LONG STAINLESS STEEL WOOD SCREW @ 6" O.C.
NAILER FASTENERS AT EACH RAFTER INTERSECTION	TWO #14 x 5" LONG STAINLESS STEEL WOOD SCREWS	TWO #12 x 4-1/2" LONG STAINLESS STEEL WOOD SCREWS	TWO #14 x 5" LONG STAINLESS STEEL WOOD SCREWS
BLOCKING FOR SHEATHING	BLOCKING SHALL BE INSTALLED UNDER THE UNSUPPORTED EDGE OF ALL ROOF SHEATHING WHICH HAS A LIQUID APPLIED MEMBRANE	BLOCKING SHALL BE INSTALLED UNDER THE UNSUPPORTED EDGE OF ALL ROOF SHEATHING WHICH HAS A LIQUID APPLIED MEMBRANE	BLOCKING SHALL BE INSTALLED UNDER THE UNSUPPORTED EDGE OF ALL ROOF SHEATHING WHICH HAS A LIQUID APPLIED MEMBRANE
SHEATHING SIZE: THICKNESS MAY BE DECREASED BY 1/8" IF TEXTURED PLYWOOD IS REPLACED WITH REGULAR PLYWOOD. HOWEVER, MINIMUM THICKNESS SHALL NOT BE LESS THAN 5/8-INCH.	STRUCTURAL 1 TYPE 7/8" TEXTURED PLYWOOD WITH 48/24 SPAN RATING	STRUCTURAL 1 TYPE 23/32" TEXTURED PLYWOOD WITH 32/16 SPAN RATING	STRUCTURAL 1 TYPE 3/4" TEXTURED PLYWOOD WITH 40/20 SPAN RATING
SHEATHING FASTENERS	#14 x 3-1/2" LONG STAINLESS STEEL WOOD SCREWS AT 3" O.C. AT ALL SUPPORT MEMBERS	#12 x 3" LONG STAINLESS STEEL WOOD SCREWS AT 5" O.C. AT ALL SUPPORT MEMBERS	#14 x 3-1/2" LONG STAINLESS STEEL WOOD SCREWS AT 3" O.C. AT ALL SUPPORT MEMBERS

SECTION VIEW



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